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Monaco, 30 March 2020.

Professor Sr Dr. Mohd Razali Mahmud
Chair of FIG Commission 4
Faculty of Built Environment and Surveying
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Vacancy for a FIG Representative to the FIG/IHO/ICA International Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers (IBSC)

Dear Prof. Razali,

1. The International Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers (IBSC) is a subordinate body of the International Federation of Surveyors (FIG), of the International Hydrographic Organization (IHO) and of the International Cartographic Association (ICA).
2. The IBSC is composed of members of known competence in the civil, governmental or educational sectors of hydrographic surveying and nautical cartography, selected to provide as wide as possible a spectrum of knowledge and experience in educational practices, hydrography and nautical cartography, from different geographical areas. Ten Members, four provided by FIG, four provided by IHO and two provided by ICA constitute the IBSC, with the Secretary, IHO Assistant Director Alberto Costa Neves, provided by the IHO Secretariat. The current list of IBSC Members is presented in the Annex.
3. The IBSC is tasked to review syllabi of programmes and individual recognition schemes, maintain IBSC publications, provide guidance to education and training institutions and support the IHO for the establishment of new hydrographic programmes where regional training capacity does not exist.
4. During the 43rd Meeting of the FIG/IHO/ICA International Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers (IBSC), held in Cartagena de Indias, Colombia, from 9 to 20 March, Prof. Dr. Prof. Dr. Keith McGowan MILLER (FIG representative) communicated his resignation on 10 March 2020, by email.
5. I take this opportunity to thank Prof. Miller and the University of the West Indies, Department of Geomatics Engineering and Land Management for their support to the work of the IBSC. He joined the IBSC in February 2012 and during more than 8 years he contributed to the work of the IBSC with his outstanding professional and academic skills. Prof. Miller was instrumental in the development of the new framework for the Standards of Competence for Hydrographic Surveyors and Nautical Cartographers. He represented the Board in several opportunities, contributing to raise the awareness of the importance of the IBSC. Additionally, his personal qualities allowed the Board to enjoy his company in every opportunity.
6. I would like to encourage you to consider the filling of the vacancy as a matter of priority as the Board faces an ever-increasing workload and challenges of all sorts. The Terms of Reference, Rules of Procedure and Code of Ethics of the IBSC are available in the IBSC section of the IHO website at: <https://iho.int/en/ibsc>.



7. From the above references, prospective members must have the appropriate theoretical background, experience and expertise that will be relevant and valuable to the work of the Board. Members of the Board are expected to attend every meeting and to conduct business by correspondence between meetings. The new member is expected to attend the 44th Meeting of the IBSC scheduled to take place in March/April 2021 (exact dates and venue to be decided).

8. The FIG representative is expected to be supported by its own organization for all expenses incurred as a Member of the Board. Subject to the availability of funds in the IBSC Fund, managed by the IHO Secretariat, which is financed through fees related to the submission of programmes for recognition, some partial support may be provided to Board Members to attend meetings and to carry out on-site visits.

Yours sincerely,

Ron Furness
IBSC Chair

Distribution:

FIG President (fig@fig.net)

IHO Secretary-General (info@iho.int)

ICA President (president@icaci.org)

Head of the Department of Geomatics Engineering and Land Management, University of the West Indies (Geomatics.Engineering@sta.uwi.edu)

Prof. Dr. Keith Miller (Keith.Miller@sta.uwi.edu)



Annex to IBSC Letter dated 30 March 2020

**FIG/IHO/ICA INTERNATIONAL BOARD ON STANDARDS OF COMPETENCE FOR
HYDROGRAPHIC SURVEYORS AND NAUTICAL CARTOGRAPHERS (IBSC)**

LIST OF IBSC MEMBERS
27 March 2020

| NAME | Country | Representing |
|--|-----------------|--------------|
| Mr. Ron FURNESS Chair | Australia | ICA |
| Capt. Nickolás de A. ROSCHER Vice-Chair 1 | Brazil | IHO |
| Mr. Sobri SYAWIE Vice-Chair 2 | Indonesia | FIG |
| Capt. Andrew ARMSTRONG Member | USA | IHO |
| Mr. Adam GREENLAND Member | New Zealand | FIG |
| Mr. Gordon JOHNSTON Member | UK | FIG |
| Cdre Rod NAIRN Member | Australia | IHO |
| Capt. Leonel PEREIRA MANTEIGAS Member | Portugal | IHO |
| Dr. Eng. Lysandros TSOULOS Member | Greece | ICA |
| Vacant | Vacant | FIG |
| Mr. Alberto COSTA NEVES Secretary | IHO Secretariat | |